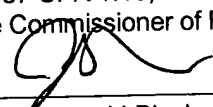




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Judy Jarecki-Black, Ph.D., J.D.

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of: )  
Alex Harvey and Youliang Wang )

Docket No: AVI 019

Serial No: 09/998,716 )

Art Unit: Not Assigned

Filing Date: November 30, 2001 )

Title: "Ovomucoid Promoter and )  
Methods of Use" )

Assistant Commissioner for Patents  
P.O. Box 2327  
Arlington, VA 22202

Sir:

**TRANSMITTAL LETTER**

Transmitted for filing in this application, please find the following:

1. Transmittal Letter with Certificate of Mailing (2 pages)
2. Information Disclosure Statement (2 pages)
3. Form 1449 Citing 22 References (2 Copies)
4. Copy of Each Cited Reference
5. Return Receipt Postcard



Application Serial No. 09/998,716

AVI 019

### **Deposit Account Authorization**

The Examiner is invited to contact the undersigned at his convenience should any issues remain following entry of this response.

If any fee or extension of time is required to obtain entry of this Response, the undersigned hereby petitions the Commissioner to grant any necessary time extension and authorizes charging Deposit Account No. 501729 for any such fee not submitted herewith.

---

Judy Jarecki-Black, Ph.D., J.D.  
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Judy Jarecki-Black, Ph.D., J.D.

**PATENT**

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In re Application of:	)	Docket No:	AVI 019
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	)		
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	)		
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	)		
Title: "Ovomucoid Promoter and	)		
Methods of Use"	)		

Assistant Commissioner for Patents  
P.O. Box 2327  
Arlington, VA 22202

Sir:

**INFORMATION DISCLOSURE STATEMENT**

Applicants hereby voluntarily disclose the items listed on the attached Form PTO-1449 to the Assistant Commissioner for Patents. A copy of each of these documents is provided herewith.


Applicants further reserve the right to establish the patentability of the claimed invention over any of the listed information should they be applied as references, and/or to prove that some of the cited information may not be prior art, and/or to prove that some of the cited information may not be enabling for the teachings they purport to offer. This statement further should not be construed as a representation that an exhaustive search

has been made, or that the information cited herewith is material, or that there does not exist information more material to the examination of the present Application. The Examiner is specifically requested not to rely solely on the information submitted herein. On the contrary, the Examiner is requested to conduct an independent and thorough review of the information, and to form independent opinions as to their significance.

It is respectfully requested that the Examiner initial and return a copy of the enclosed PTO-1449 and to indicate in the official file wrapper of the above-identified patent application that each item of the cited information has been considered. A second copy of the PTO-1449 is enclosed for the Examiner's convenience.

The Examiner is invited to contact the undersigned at his convenience should any issues remain following entry of this response.

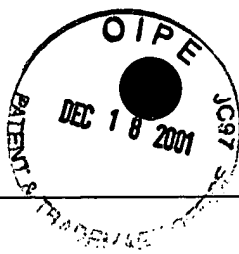
If any fee or extension of time is required to obtain entry of this Response, the undersigned hereby petitions the Commissioner to grant any necessary time extension and authorizes charging Deposit Account No. 501729 for any such fee not submitted herewith.



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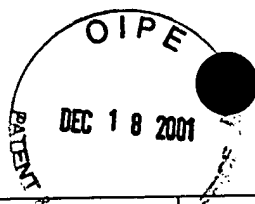
Form PTO-1449  INFORMATION DISCLOSURE CITATION  (Use several sheets if necessary)	Attorney Docket No. AVI-019	Serial Number 09/998,716
	Applicant Alex Harvey and Youliang Wang	
	Filing Date 11-30-01	Group Not Assigned

## U.S. PATENT DOCUMENTS

Examiner Initials	Item	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
	A	5,591,639	01-07-97	Bebbington, Christopher R.			09-02-1994
	B	4,237,224	12-02-80	Cohen <i>et al.</i>			01-04-1979
	C	5,580,859	12-03-96	Felgner <i>et al.</i>			03-18-1994
	D	5,589,466	12-31-96	Felgner <i>et al.</i>			01-26-1995
	E	5,175,384	12-29-92	Krimpenfort <i>et al.</i>			12-05-1988
	F	4,603,112	07-29-86	Paoletti <i>et al.</i>			12-08-1982
	G	4,722,848	02-02-88	Paoletti <i>et al.</i>			06-19-1984
	H	4,769,330	09-06-88	Paoletti <i>et al.</i>			12-24-1981
	I	5,174,993	12-29-92	Paoletti <i>et al.</i>			06-14-1990
	AA	5,338,683	08-16-94	Paoletti <i>et al.</i>			04-04-1990
	BB	5,494,807	02-27-96	Paoletti <i>et al.</i>			08-12-1993
	CC	5,505,941	04-09-96	Paoletti <i>et al.</i>			07-22-1992

## FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
	J	WO 94/11524	11-09-92	PCT				X
	K	WO 99/19472	10-16-97	PCT				X
	L	WO 93/25234	06-08-92	PCT				X
	M	WO 97/47739	06-12-96	PCT				X



	N	WO 94/06920	09-22-92	PCT				X
	AA	WO 92/22635	06-05-91	PCT				X
	BB	WO 92/20316	05-14-91	PCT				X
	CC	WO 92/19749	05-03-91	PCT				X
	DD	WO 93/04701	09-05-91	PCT				X
	EE	WO 92/06180	10-01-90	PCT				X

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)		
O	Molecular Structure and Flanking Nucleotide Sequences of the Natural Chicken Ovomucoid Gene, <u>Lai et al</u> ; Cell 18:829-842 (Nov.1979)	
P	DNA methylation: organ specific variations in the methylation pattern within and around ovalbumin and other chicken genes, <u>Mandel et al</u> ; Nucleic Acids Research 7:2081-2103(1979)	
Q	Ovoinhibitor Introns Specify Functional Domains as in the Related and Linked Ovomucoid Gene*, <u>Scott et al</u> ; Journal of Biol. Chemistry, 262:5899-5907(1987)	
R	Deoxyribonuclease I Sensitivity of the Ovomucoid-Ovoinhibitor Gene Complex in Oviduct Nuclei and Relative Location of CR1 Repetitive Sequences, <u>Scott et al</u> ; Biochemistry 26:6831-6840 (1987)	
S	Isolation and characterization of the chicken ovomucoid gene, <u>Lindenmaier et al</u> ; Nucleic Acids Research, 7:1221-1232 (1979)	
T	The chick ovomucoid gene contains at least six intervening sequences, <u>Catterall et al</u> ; Nature 278:323-327 (March 1979)	
U	Effect of Estrogen on Gene Expression In the Chick Oviduct. Regulation of the Ovomucoid Gene, <u>Tsai et al</u> ; Biochemistry 17:5773-5780 (1978)	
V	Identification of potential ovomucoid mRNA precursors in chick oviduct nuclei, <u>Nordstrom et al</u> ; Nature 278:328-331 (March 1979)	
W	mRNA Complexity and Egg White Protein mRNA Content in Mature and Hormone-Withdrawn Oviduct, <u>Hynes et al</u> ; Cell 11:923-932 (August 1977)	
X		
Y		
Z		